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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>6</sup> :</b> <b>A61K 38/16</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 98/06418</b> <b>(43) International Publication Date:</b> 19 February 1998 (19.02.98)
<b>(21) International Application Number:</b> PCT/US97/13379 <b>(22) International Filing Date:</b> 4 August 1997 (04.08.97) <b>(30) Priority Data:</b> 60/022,467 9 August 1996 (09.08.96) US 60/030,317 1 November 1996 (01.11.96) US Not furnished 24 July 1997 (24.07.97) US <b>(71) Applicant (for all designated States except US):</b> MANNAT- ECH, INC. [US/US]; Suite 200, 600 South Royal Lane, Coppell, TX 75019 (US). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> McANALLEY, Bill, H. [US/US]; 4921 Corn Valley, Grand Prairie, TX 75052 (US). McDANIEL, H., Reginald [US/US]; 4 Woodland Drive, Mansfield, TX 76063 (US). MOORE, D., Eric [US/US]; 832 Teakwood Place, Richardson, TX 75080 (US). VENNUM, Eileen, P. [US/US]; 2229 N. Westfield, Grand Prairie, TX 75050 (US). FIORETTI, William, C. [US/US]; 2224 Lakeridge Drive, Grapevine, TX 76051 (US). <b>(74) Agent:</b> BROWN, Randall, C.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., Suite 4100, 1700 Pacific Avenue, Dallas, TX 75201-4675 (US).		<b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> COMPOSITIONS OF PLANT CARBOHYDRATES AS DIETARY SUPPLEMENTS <b>(57) Abstract</b> <p>Compositions of plant carbohydrates for dietary supplements and nutritional support for promotion and maintenance of good health. Defined nutritionally effective amounts of one to eleven essential saccharides, glyconutrients, are used in various inventive compositions as dietary supplements. The dietary composition herein can include phytonutrients, vitamins, minerals, herbal extracts, and other non-toxic nutrients. The glyconutritional dietary supplement herein provides essential saccharides which are the building blocks of glycoproteins. These compositions, when administered orally or topically, have been found to improve the well being of mammals suffering from a variety of disorders.</p>		

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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US97/13379

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : A61K 38/16

US CL : 514/8

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/8

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NONEElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
NONE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,665,057 A (NELSON et al.) 12 May 1987, see entire document.	1
Y	US 4,837,040 A (YOKOYAMA et al.) 06 June 1989, see entire document.	7, 11, 15
Y	US 5,106,616 A (McANALLEY et al.) 21 April 1992, see entire document.	1-17
Y	US 5,308,838 A (McANALLEY et al.) 03 May 1994, see entire document.	1-17
Y	US 5,378,480 A (CARIERI) 03 January 1995, see entire document.	1-17

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